

JC14 Rec'd PCT/PTO 16 MAY 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

10/535291

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1 of 2

Application Number	Not Yet Accorded
Filing Date	Not Yet Accorded
First Named Inventor	BHUSHAN L. SOPORI
Art Unit	Not Yet Accorded
Examiner Name	Not Yet Accorded

Attorney Docket Number NREL IR 02-15

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
1	US 5,963,781		10/05/1991	Winer	
2	US 5,386,119		01/31/1995	Ledger	
3	US 5,747,201		05/05/1998	Nakayama et al.	
4	US 5,396,332		03/07/1995	Ciszek	
5	US 5,436,725		07/25/1995	Ledger	
6	US 4,453,828		06/12/1984	Hershel et al.	
7	US 4,850,711		07/25/1989	Sano et al.	
8	US 5,289,266		02/22/1994	Shih et al.	
9	US 5,486,701		01/23/1996	Norton et al.	
10	US 5,420,803		05/30/1995	Judell	
11	US 5,517,312		05/14/1996	Finarov	
12	US 5,650,635		07/22/1997	Razeghi et al.	
13	US 5,695,556		12/09/1997	Tamamura et al.	
14	US 5,724,145		03/03/1998	Kondo et al.	
15	US 5,724,144		03/03/1998	Muller et al.	
16	US 5,849,108		12/15/1998	Kariya et al.	
17	US 6,024,794		02/15/2000	Tamamura et al.	
18	US 6,107,116		08/22/2000	Kariya et al.	
19	US 6,132,289		10/17/2000	Labunsky et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ Number Kind Code ⁴ (if known)			
					T ⁵

Examiner Signature	/Samuel Siefke/	Date Considered	06/15/2010
--------------------	-----------------	-----------------	------------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/

JC14 Rec'd PCT/PTO 16 MAY 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/31/2008. GPO:2007-1303.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
		Application Number	Not Yet Accorded 201115352
		Filing Date	Not Yet Accorded
		First Named Inventor	BHUSHAN L. SOPORI
		Art Unit	Not Yet Accorded
		Examiner Name	Not Yet Accorded
Sheet	2	of	2
		Attorney Docket Number	
		NREL IR 02-15	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheep

2 gf 2

Complete if Known

Application Number	Not Yet Accorded 10/15352
Filing Date	Not Yet Accorded
First Named Inventor	BHUSHAN L. SOPORI
Art Unit	Not Yet Accorded
Examiner Name	Not Yet Accorded

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Samuel Siefke/	Date Considered	06/15/2010
--------------------	-----------------	-----------------	------------

• EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicant's unique citation designation number (optional)." See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document" by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁵ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SS/